

Attachment D

Measuring Delay and Congestion: Annual Update

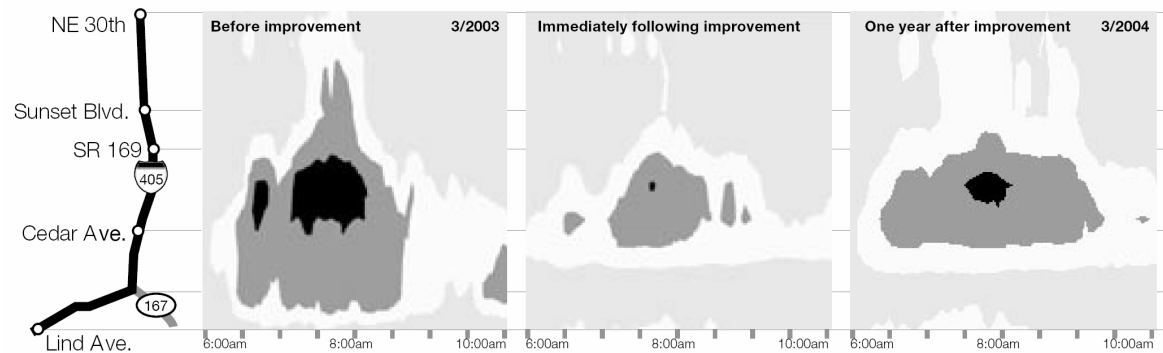
Case Study 2 - I-405/SR 167 Ramp Separation Project

Spot Capacity Improvement

The March 2003 *Gray Notebook* published an evaluation several weeks after the opening of the I-405 / SR 167 Ramp Separation (flyover ramp) project in Renton that showed, for the short-term, a significant reduction in congestion and delay. No one was sure, however, whether the improvement would be sustained as drivers adjusted to the new situation.

WSDOT now has “one year later” data to compare with the “before” and the “shortly after” data earlier shown. The results are very encouraging in that the delay relief benefits from the improvement have in fact been sustained. These comparisons shown below, first for the weekday situation and second for the weekend situation, are particularly noteworthy because in the March 2003 to March 2004 period, the daytime volumes on I-405 increased by 3.6 percent, and on SR 167 increased by 5.3 percent. On weekends, I-405 traffic volumes have increased about 10 percent.

Average Weekday Congestion I-405 Southbound



Average Weekend Congestion I-405 Southbound

